

(FILE 'HOME' ENTERED AT 08:26:55 ON 09 AUG 2000)

FILE 'CAPLUS, MEDLINE' ENTERED AT 08:27:14 ON 09 AUG 2000

L1 32816 S P53
L2 307 S L1 (50A) E1B
L3 20 S L2 AND REVIEW
L4 19 DUP REM L3 (1 DUPLICATE REMOVED)
L5 21 S L2 (50A) CANCER
L6 152 S L2 (50A) (CANCER OR TUMOR? OR CARCINOGENESIS OR NEOPLAS?)
L7 104 DUP REM L6 (48 DUPLICATES REMOVED)
L8 8 S L4 NOT L7
L9 93 S L7 NOT L4
L10 17 S L9 AND (THERAP?)
L11 9 S L9 AND (GENE THERAP?)

=> d 14 9-19 au ti so; d 111 9 au ti so

L4 ANSWER 9 OF 19 CAPLUS COPYRIGHT 2000 ACS
AU White, E.
TI Regulation of p53-dependent apoptosis by E1A and E1B
SO Curr. Top. Microbiol. Immunol. (1995), Volume Date 1995, 199(Pt. 3),
33-58
CODEN: CTMIA3; ISSN: 0070-217X

L4 ANSWER 10 OF 19 CAPLUS COPYRIGHT 2000 ACS
AU White, E.; Chiou, S. -K.; Rao, L.; Sabbatini, P.; Lin, H. -J.
TI Control of p53-dependent apoptosis by E1B, Bcl-2, and
Ha-ras proteins
SO Cold Spring Harbor Symp. Quant. Biol. (1994), 59(Molecular Genetics of
Cancer), 395-402
CODEN: CSHSAZ; ISSN: 0091-7451

L4 ANSWER 11 OF 19 CAPLUS COPYRIGHT 2000 ACS
AU White, Eileen
TI Function of the adenovirus E1B oncogene in infected and transformed cells
SO Semin. Virol. (1994), 5(5), 341-8
CODEN: SEVIEL; ISSN: 1044-5773

L4 ANSWER 12 OF 19 CAPLUS COPYRIGHT 2000 ACS
AU Moran, Elizabeth
TI Interaction of adenoviral proteins with pRB and p53
SO FASEB J. (1993), 7(10), 880-5
CODEN: FAJOEC; ISSN: 0892-6638

L4 ANSWER 13 OF 19 CAPLUS COPYRIGHT 2000 ACS
AU Chang, F.; Syrjanen, S.; Tervahauta, A.; Syrjanen, K.
TI Tumorigenesis associated with the p53 tumor suppressor gene
SO Br. J. Cancer (1993), 68(4), 653-61
CODEN: BJCAAI; ISSN: 0007-0920

L4 ANSWER 14 OF 19 CAPLUS COPYRIGHT 2000 ACS
AU Chang, Fuju; Syrjanen, Stina; Kurvinen, Kaisa; Syrjanen, Kari
TI The p53 tumor suppressor gene as a common cellular target in human
carcinogenesis
SO Am. J. Gastroenterol. (1993), 88(2), 174-86
CODEN: AJGAAR; ISSN: 0002-9270

L4 ANSWER 15 OF 19 CAPLUS COPYRIGHT 2000 ACS

6/14/30/1
C6

7

6/14/30/1
20/1
F4

RC
26/2/1
A1

AU Tsujimoto, Yoshihide
TI Tumorigenesis involving the bcl-2 gene
SO Tanpakushitsu Kansan Koso (1993), 38(2), 129-33
CODEN: TAKKAJ; ISSN: 0039-9450

L4 ANSWER 16 OF 19 CAPLUS COPYRIGHT 2000 ACS
AU Taya, Yoichi
TI The final target for signals on neoplastic transformation. Cancer and cell cycle, DNA replication, and differentiation
SO Kagaku (Tokyo) (1993), 63(1), 55-62
CODEN: KAGTAT; ISSN: 0022-7625

L4 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2000 ACS
AU Howley, Peter M.; Munger, Karl; Romanczuk, Helen; Scheffner, Martin; Huibregtse, Jon M.
TI Cellular targets of the oncoproteins encoded by the cancer associated human papillomaviruses
SO Proc. Int. Symp. Princess Takamatsu Cancer Res. Fund (1992), Volume Date 1991, 22ND(MULTISTAGE CARCINOGENESIS), 239-48
CODEN: PPTCBY

L4 ANSWER 18 OF 19 CAPLUS COPYRIGHT 2000 ACS
AU Van der Eb, Alexander J.; Zantema, Alt
TI Adenovirus oncogenesis
SO Malig. Transform. DNA Viruses (1992), 115-40. Editor(s): Doerfler, Walter; Boehm, Petra. Publisher: VCH, Weinheim, Germany.
CODEN: 58VFA3

L4 ANSWER 19 OF 19 CAPLUS COPYRIGHT 2000 ACS
AU Shay, J. W.; Wright, W. E.
TI Both RB and p53 are potential regulators of human cellular senescence
SO Serono Symp. Publ. Raven Press (1991), 83(Hered. Tumors), 173-82
CODEN: SPRPDU; ISSN: 0733-897X

L11 ANSWER 9 OF 9 MEDLINE
AU Wills K N; Maneval D C; Menzel P; Harris M P; Sutjipto S; Vaillancourt M T; Huang W M; Johnson D E; Anderson S C; Wen S F; et al
TI Development and characterization of recombinant adenoviruses encoding human p53 for **gene therapy** of cancer.
SO HUMAN GENE THERAPY, (1994 Sep) 5 (9) 1079-88.
Journal code: A12. ISSN: 1043-0342.

RB155.
H85

(FILE 'HOME' ENTERED AT 09:06:01 ON 09 AUG 2000)

FILE 'CAPLUS, BIOSIS, EMBASE, MEDLINE' ENTERED AT 09:06:49 ON 09 AUG 2000

L1 72520 S P53
L2 2054 S L1 (50A) ADENOVIR?
L3 1075 S L2 (50A) EXPRESS?
L4 51 S L2 (50A) CMV
L5 22 DUP REM L4 (29 DUPLICATES REMOVED)
L6 3 S L2 (50A) ACTIN
L7 163 S L2 (50A) SV40
L8 66 DUP REM L7 (97 DUPLICATES REMOVED)
L9 66 DUP REM L8 (0 DUPLICATES REMOVED)
L10 1 S L2 (50A) RSV
L11 70165 S ADENOVIR?
L12 7079 S L11 (50A) PROMOTER#
L13 456 S L12 (50A) CMV
L14 168 DUP REM L13 (288 DUPLICATES REMOVED)
L15 98 S L12 (50A) ACTIN
L16 40 DUP REM L15 (58 DUPLICATES REMOVED)
L17 463 S L12 (50A) SV40
L18 66 DUP REM L7 (97 DUPLICATES REMOVED)
L19 203 DUP REM L17 (260 DUPLICATES REMOVED)
L20 191 S L12 (50A) RSV
L21 60 DUP REM L20 (131 DUPLICATES REMOVED)
L22 225897 S RETROVIR?
L23 3247 S L22 (50A) PROMOTER#
L24 153 S L23 (50A) CMV
L25 58 DUP REM L24 (95 DUPLICATES REMOVED)
L26 0 S L25 (50A) P53
L27 109 S L23 (50A) ACTIN
L28 48 DUP REM L27 (61 DUPLICATES REMOVED)
L29 202 S L23 (50A) SV40
L30 96 DUP REM L29 (106 DUPLICATES REMOVED)
L31 54 S L23 (50A) RSV
L32 21 DUP REM L31 (33 DUPLICATES REMOVED)
L33 2 S L28 (10A) P53
L34 0 S L30 (10A) P53
L35 0 S L32 (10A) P53
L36 58 S L25 AND CMV
L37 0 S L25 AND P53
L38 3 S L28 AND P53
L39 2 S L30 AND P53
L40 0 S L32 AND P53
L41 1289 DUP REM L23 (1958 DUPLICATES REMOVED)
L42 11 S L41 (50A) P53
L43 29688 S VACCINIA
L44 55 S L43 (50A) P53
L45 22 DUP REM L4 (29 DUPLICATES REMOVED)
L46 72520 S P53
L47 30929 S L46 (50A) EXPRESS?
L48 1761 S L47 (50A) PROMOTER#
L49 603 DUP REM L48 (1158 DUPLICATES REMOVED)

=> d 19 46-66 au ti so; d 114 168 au ti so; d 116 35-40 au ti so; d 119
80-203 au ti so; d 121 56-60 au ti so; d 125 52-58 au ti so; d 128 30-48 au
ti so; d 130 51-96 au ti so; d 132 13-21 au ti so; d 149 510-603 au ti so

p53
SV40

L9 ANSWER 46 OF 66 CAPLUS COPYRIGHT 2000 ACS
 AU Lechner, Mark S.; Mack, David H.; Finicle, Angela B.; Crook, Tim;
 Vousden,
 Karen H.; Laimins, Laimonis A.
 TI Human papillomavirus E6 proteins bind p53 in vivo and abrogate
 p53-mediated repression of transcription
 SO EMBO J. (1992), 11(8), 3045-52
 CODEN: EMJODG; ISSN: 0261-4189

L9 ANSWER 47 OF 66 CAPLUS COPYRIGHT 2000 ACS
 AU Moreau, France; Matlashewski, Greg
 TI Molecular analysis of different allelic variants of wild-type human p53
 SO Biochem. Cell Biol. (1992), 70(10-11), 1014-19
 CODEN: BCBIEQ; ISSN: 0829-8211

L9 ANSWER 48 OF 66 CAPLUS COPYRIGHT 2000 ACS
 AU Shay, J. W.; Wright, W. E.
 TI Both RB and p53 are potential regulators of human cellular senescence
 SO Serono Symp. Publ. Raven Press (1991), 83(Hered. Tumors), 173-82
 CODEN: SPRPDU; ISSN: 0733-897X

L9 ANSWER 49 OF 66 CAPLUS COPYRIGHT 2000 ACS
 AU Howley, Peter M.
 TI Tumor suppressor genes and tumors associated with virus infection:
 Interaction of HPV 16 and 18 with tumor suppressor gene products
 SO Adv. Appl. Biotechnol. Ser. (1991), 13(Etiol., Pathol., Treat.
 Hepatocell.
 Carcinoma North Am.), 139-45
 CODEN: AASEE6; ISSN: 1053-4490

L9 ANSWER 50 OF 66 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V.
 AU Shay J.W.; Pereira-Smith O.M.; Wright W.E.
 TI A role for both RB and p53 in the regulation of human cellular
 senescence.
 SO Experimental Cell Research, (1991) 196/1 (33-39).
 ISSN: 0014-4827 CODEN: ECREAL

L9 ANSWER 51 OF 66 MEDLINE
 AU Cowell J K
 TI The nuclear oncoproteins: RB and p53.
 SO SEMINARS IN CANCER BIOLOGY, (1990 Dec) 1 (6) 437-46. Ref: 78
 Journal code: A6Y. ISSN: 1044-579X.

L9 ANSWER 52 OF 66 MEDLINE
 AU Vousden K H
 TI Human papillomavirus oncoproteins.
 SO SEMINARS IN CANCER BIOLOGY, (1990 Dec) 1 (6) 415-24. Ref: 52
 Journal code: A6Y. ISSN: 1044-579X.

L9 ANSWER 53 OF 66 CAPLUS COPYRIGHT 2000 ACS
 AU Werness, Bruce A.; Levine, Arnold J.; Howley, Peter M.
 TI Association of human papillomavirus types 16 and 18 E6 proteins with p53
 SO Science (Washington, D. C., 1883-) (1990), 248(4951), 76-9
 CODEN: SCIEAS; ISSN: 0036-8075

L9 ANSWER 54 OF 66 MEDLINE
 AU Levine A J
 TI Tumor suppressor genes.
 SO BIOESSAYS, (1990 Feb) 12 (2) 60-6. Ref: 21
 Journal code: 9YY. ISSN: 0265-9247.

L9 ANSWER 55 OF 66 MEDLINE
 AU Levine A J
 TI The p53 tumor suppressor gene and gene product.
 SO PRINCESS TAKAMATSU SYMPOSIA, (1989) 20 221-30. Ref: 53

- L9 ANSWER 56 OF 66 BIOSIS COPYRIGHT 2000 BIOSIS
 AU JAT P S; CEPKO C L; MULLIGAN R C; SHARP P A
 TI RECOMBINANT RETROVIRUSES ENCODING SV-40 LARGE T ANTIGEN AND POLYOMAVIRUS
 LARGE AND MIDDLE T ANTIGENS.
 SO MOL CELL BIOL, (1986) 6 (4), 1204-1217.
 CODEN: MCEBD4. ISSN: 0270-7306.
- L9 ANSWER 57 OF 66 CAPLUS COPYRIGHT 2000 ACS
 AU Luria, Sylvia; Horowitz, Mia
 TI The long terminal repeat of the intracisternal A particle as a target for
 transactivation by oncogene products
 SO J. Virol. (1986), 57(3), 998-1003
 CODEN: JOVIAM; ISSN: 0022-538X
- L9 ANSWER 58 OF 66 CAPLUS COPYRIGHT 2000 ACS
 AU Anderson, Carl W.; Samad, A.; Carroll, R. B.
 TI Identification and characterization of the sites phosphorylated in the
 cellular tumor antigen p53 from SV40-transformed 3T3
 cells and in the DNA-binding protein from adenovirus 2
 SO Cancer Cells (1986), 4(DNA Tumor Viruses: Control Gene Expression
 Replication), 395-404
 CODEN: CACEEG; ISSN: 0743-2194
- L9 ANSWER 59 OF 66 CAPLUS COPYRIGHT 2000 ACS
 AU Kelekar, Ameeta; Cole, Michael D.
 TI Tumorigenicity of fibroblast lines expressing the adenovirus Ela,
 cellular
 p53, or normal c-myc genes
 SO Mol. Cell. Biol. (1986), 6(1), 7-14
 CODEN: MCEBD4; ISSN: 0270-7306
- L9 ANSWER 60 OF 66 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V.
 AU Jenkins J.R.; Rudge K.; Chumakov P.; Currie G.A.
 TI The cellular oncogene p53 can be activated by mutagenesis.
 SO Nature, (1985) 317/6040 (816-818).
 CODEN: NATUAS
- L9 ANSWER 61 OF 66 BIOSIS COPYRIGHT 2000 BIOSIS
 AU SIMANIS V; LANE D P
 TI AN IMMUNOAFFINITY PURIFICATION PROCEDURE FOR SV-40 LARGE T ANTIGEN.
 SO VIROLOGY, (1985) 144 (1), 88-100.
 CODEN: VIRLAX. ISSN: 0042-6822.
- L9 ANSWER 62 OF 66 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V.
 AU Jenkins J.R.; Rudge K.; Currie G.A.
 TI Cellular immortalization by a cDNA clone encoding the transformation-
 associated phosphoprotein p53.
 SO Nature, (1984) 312/5995 (651-654).
 CODEN: NATUAS
- L9 ANSWER 63 OF 66 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V.
 AU Parada L.F.; Land H.; Weinberg R.A.; et al.
 TI Cooperation between gene encoding p53 tumour antigen and ras in cellular
 transformation.
 SO Nature, (1984) 312/5995 (649-651).
 CODEN: NATUAS
- L9 ANSWER 64 OF 66 BIOSIS COPYRIGHT 2000 BIOSIS
 AU LUKA J; STERNAS L; JORNVALL H; KLEIN G; LERNER R
 TI ANTIBODIES OF PREDETERMINED SPECIFICITY FOR THE AMINO TERMINUS OF A
 CELLULAR PROTEIN P-53 REACT WITH THE NATIVE MOLECULE EVIDENCE FOR THE
 PRESENCE OF DIFFERENT P-53S.
 SO PROC NATL ACAD SCI U S A, (1983) 80 (5), 1199-1203.
 CODEN: PNASA6. ISSN: 0027-8424.

L9 ANSWER 65 OF 66 CAPLUS COPYRIGHT 2000 ACS
AU Thomas, Rees; Kaplan, Leonard; Reich, Nancy; Lane, David P.; Levine, Arnold J.
TI Characterization of human p53 antigens employing primate specific monoclonal antibodies
SO Virology (1983), 131(2), 502-17
CODEN: VIRLAX; ISSN: 0042-6822

L9 ANSWER 66 OF 66 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V.
AU Levine A.J.; Kaplan L.; Oren M.; et al.
TI The regulation of a cellular protein, p53, in transformed cells and its association with viral tumor antigens.
SO Hepatology, (1982) 2/2 Suppl. (58S-60S).
CODEN: HPTLD

*Ad.
cmv*

L14 ANSWER 168 OF 168 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 122
AU Wilkinson, Gavin W. G.; Akrigg, Alan
TI Constitutive and enhanced expression from the **CMV** major IE **promoter** in a defective **adenovirus** vector
SO Nucleic Acids Res. (1992), 20(9), 2233-9
CODEN: NARHAD; ISSN: 0305-1048

Adin

L16 ANSWER 35 OF 40 CAPLUS COPYRIGHT 2000 ACS
AU Quantin, Beatrice; Perricaudet, Leslie D.; Tajbakhsh, Shahragim; Mandel, Jean Louis
TI Adenovirus as an expression vector in muscle cells in vivo
SO Proc. Natl. Acad. Sci. U. S. A. (1992), 89(7), 2581-4
CODEN: PNASA6; ISSN: 0027-8424

L16 ANSWER 36 OF 40 CAPLUS COPYRIGHT 2000 ACS
IN Yonemura, Hiroshi; Sugiyama, Takashi; Araki, Masatake; Nozaki, Chikateru; Miyazaki, Junichi; Yamamura, Kenichi
TI Recombinant manufacture of a functional coagulation human factor VIII:C analog in animal cell culture
SO Eur. Pat. Appl., 22 pp.
CODEN: EPXXDW

L16 ANSWER 37 OF 40 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 24
AU Hitt, Mary M.; Graham, Frank L.
TI Adenovirus E1A under the control of heterologous promoters: wide variation in E1A expression levels has little effect on virus replication
SO Virology (1990), 179(2), 667-78
CODEN: VIRLAX; ISSN: 0042-6822

L16 ANSWER 38 OF 40 EMBASE COPYRIGHT 2000 ELSEVIER SCI. B.V. DUPLICATE 25
AU Jamal S.; Ziff E.
TI Transactivation of c-fos and .beta.-actin genes by raf as a step in early response to transmembrane signals.
SO Nature, (1990) 344/6265 (463-466).
ISSN: 0028-0836 CODEN: NATUAS

L16 ANSWER 39 OF 40 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 26
AU Tsutsui, Ko; Hara, Eiichi; Nakada, Susumu; Oda, Kinichiro
TI Two-step transformation of rat 3Y1 cells by the adenovirus E1A and E1B genes
SO Virus Genes (1990), 4(3), 239-56
CODEN: VIGEET; ISSN: 0920-8569

L16 ANSWER 40 OF 40 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 27

AU HASEGAWA T; NAKADA S; NAKAJIMA T; ODA K; KAWATA M; KIMURA H; SEKIYA S
TI EXPRESSION OF VARIOUS VIRAL AND CELLULAR ENHANCER PROMOTERS DURING
DIFFERENTIATION OF HUMAN EMBRYONAL CARCINOMA CELLS.
SO DIFFERENTIATION, (1990) 42 (3), 191-198.
CODEN: DFFNAW. ISSN: 0301-4681.

3V40
L19 ANSWER 80 OF 203 BIOSIS COPYRIGHT 2000 BIOSIS
AU ING N H; TSAI S Y; TSAI M-J; O'MALLEY B W
TI THE S300-II FACTORS IS A GENERAL TRANSCRIPTION FACTOR THAT INTERACTS WITH
ENHANCER-BINDING FACTORS AND ACTIVATES TRANSCRIPTION FROM SEVERAL
PROMOTERS.
SO KEYSTONE SYMPOSIUM ON FUNDAMENTAL MECHANISMS OF TRANSCRIPTION, COPPER
MOUNTAIN, COLORADO, USA, MARCH 28-APRIL 3, 1992. J CELL BIOCHEM SUPPL.
(1992) 0 (16 PART E), 143.
CODEN: JCBSD7.

L19 ANSWER 81 OF 203 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 46
AU HIPSKIND R A; NORDHEIM A
TI IN-VITRO TRANSCRIPTIONAL ANALYSIS OF THE HUMAN C-FOS PROTO-ONCOGENE.
SO J BIOL CHEM, (1991) 266 (29), 19572-19581.
CODEN: JBCHA3. ISSN: 0021-9258.

L19 ANSWER 82 OF 203 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 47
AU Davies, Monique V.; Pelletier, Jerry; Meerovitch, Karen; Sonenberg,
Nahum;
Kaufman, Randal J.
TI The effect of poliovirus proteinase 2Apro expression on cellular
metabolism. Inhibition of DNA replication, RNA polymerase II
transcription, and translation
SO J. Biol. Chem. (1991), 266(22), 14714-20
CODEN: JBCHA3; ISSN: 0021-9258

L19 ANSWER 83 OF 203 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 48
AU KESSLER M; BEN-ASHER E; RESENKOV O; HATINI V; BENGAL E; ALONI Y
TI A 21-BASE PAIR DNA FRAGMENT DIRECTS TRANSCRIPTION ATTENUATION WITHIN THE
SV-40 LATE LEADER.
SO J BIOL CHEM, (1991) 266 (20), 13019-13027.
CODEN: JBCHA3. ISSN: 0021-9258.

L19 ANSWER 84 OF 203 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 49
AU Rajan, Prithi; Dhamankar, Vandana; Rundell, Kathleen; Thimmapaya, Bayar
TI Simian virus 40 small-t does not transactivate RNA polymerase II
promoters
in virus infections
SO J. Virol. (1991), 65(12), 6553-61
CODEN: JOVIAM; ISSN: 0022-538X

L19 ANSWER 85 OF 203 CAPLUS COPYRIGHT 2000 ACS
AU Morris, Gilbert F.; Mathews, Michael B.
TI The adenovirus E1A transforming protein activates the proliferating cell
nuclear antigen promoter via an activating transcription factor site
SO J. Virol. (1991), 65(12), 6397-406
CODEN: JOVIAM; ISSN: 0022-538X

L19 ANSWER 86 OF 203 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 50
AU Miralles, Vicente J.
TI Termination of transcription in an 'in vitro' system is dependent on a
polyadenylation sequence
SO Nucleic Acids Res. (1991), 19(13), 3593-9
CODEN: NARHAD; ISSN: 0305-1048

L19 ANSWER 87 OF 203 CAPLUS COPYRIGHT 2000 ACS
AU DeMartino, Julie A.; Daugherty, Bruce L.; Law, Ming Fan; Cuca, Gregory
C.;

Alves, Kenneth; Silberklang, Melvin; Mark, George E.
 TI Rapid humanization and expression of murine monoclonal antibodies
 SO Antibody, Immunoconjugates, Radiopharm. (1991), 4(4), 829-35
 CODEN: AIRAEB; ISSN: 0892-7049

L19 ANSWER 88 OF 203 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 51
 AU KHLEIF S N; MYERS T; CARTER B J; TREMPER J P
 TI INHIBITION OF CELLULAR TRANSFORMATION BY THE ADENO-ASSOCIATED VIRUS REP
 GENE.
 SO VIROLOGY, (1991) 181 (2), 738-741.
 CODEN: VIRLAX. ISSN: 0042-6822.

L19 ANSWER 89 OF 203 CAPLUS COPYRIGHT 2000 ACS
 AU Babiss, Lee E.; Vales, Lynne D.
 TI Promoter of the adenovirus polypeptide IX gene: similarity to E1B and
 inactivation by substitution of the simian virus 40 TATA element
 SO J. Virol. (1991), 65(2), 598-605
 CODEN: JOVIAM; ISSN: 0022-538X

L19 ANSWER 90 OF 203 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 52
 AU PREVEC L; CHRISTIE B S; LAURIE K E; BAILEY M M; GRAHAM F L; ROSENTHAL K L
 TI IMMUNE RESPONSE TO HIV-1 GAG ANTIGENS INDUCED BY RECOMBINANT ADENOVIRUS
 VECTORS IN MICE AND RHESUS MACAQUE MONKEYS.
 SO J ACQUIRED IMMUNE DEFIC SYNDR, (1991) 4 (6), 568-576.
 CODEN: JAISST. ISSN: 0894-9255.

L19 ANSWER 91 OF 203 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 53
 AU COCKETT M I; BEBBINGTON C R; YARRANTON G T
 TI THE USE OF ENGINEERED E1A GENES TO TRANSACTIVATE THE HCMV-MIE PROMOTER IN
 PERMANENT CHO CELL LINES.
 SO NUCLEIC ACIDS RES, (1991) 19 (2), 319-326.
 CODEN: NARHAD. ISSN: 0305-1048.

L19 ANSWER 92 OF 203 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 54
 AU Colicos, Michael A.; Haj-Ahmad, Yousef; Valerie, Kristoffer; Henderson,
 Earle E.; Rainbow, Andrew J.
 TI Construction of a recombinant adenovirus containing the denV gene from
 bacteriophage T4 which can partially restore the DNA repair deficiency in
 xeroderma pigmentosum fibroblasts
 SO Carcinogenesis (London) (1991), 12(2), 249-55
 CODEN: CRNGDP; ISSN: 0143-3334

L19 ANSWER 93 OF 203 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 55
 AU OVERELL R W; WEISSER K E; HESS B W; ZIEGLER S F; PLEIMAN C M; MALISZEWSKI
 C; GRABSTEIN K H
 TI EFFICIENT GENE TRANSFER AND EXPRESSION IN PRIMARY B LYMPHOCYTES.
 SO J IMMUNOL METHODS, (1991) 141 (1), 53-62.
 CODEN: JIMMBG. ISSN: 0022-1759.

L19 ANSWER 94 OF 203 CAPLUS COPYRIGHT 2000 ACS
 IN Berkner, Kathleen L.
 TI Use of leader sequences to promote high efficiency translation of
 polycistronic messages in eucaryotic cells
 SO PCT Int. Appl., 54 pp.
 CODEN: PIXXD2

L19 ANSWER 95 OF 203 CAPLUS COPYRIGHT 2000 ACS
 IN Cockett, Mark Ian; Bebbington, Christopher Robert; Yarranton, Geoffrey
 Thomas
 TI High level expression heterologous genes in animal cells using viral
 regulatory systems
 SO Eur. Pat. Appl., 21 pp.
 CODEN: EPXXDW

L19 ANSWER 96 OF 203 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 56
 AU PEDEN K W C; SPENCE S L; TACK L C; CARTWRIGHT C A; SRINIVASAN A; PIPAS J
 M

TI A DNA REPLICATION POSITIVE MUTANT OF SV-40 THAT IS DEFECTIVE FOR
 TRANSFORMATION AND THE PRODUCTION OF INFECTION. IONS.
 SO J VIROL, (1990) 64 (6), 2912-2921.
 CODEN: JOVIAM. ISSN: 0022-538X.

L19 ANSWER 97 OF 203 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 57
 AU Inoue, Koji; Akita, Noriko; Yamashita, Shinya; Shiba, Tadayoshi; Fujita,
 Takao
 TI Constitutive and inducible expression of a transgene directed by
 heterologous promoters in a trout liver cell line
 SO Biochem. Biophys. Res. Commun. (1990), 173(3), 1311-16
 CODEN: BBRCA9; ISSN: 0006-291X

L19 ANSWER 98 OF 203 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 58
 AU Aufiero, Barbara; Schneider, Robert J.
 TI The hepatitis B virus X-gene product trans-activates both RNA polymerase
 II and III promoters
 SO EMBO J. (1990), 9(2), 497-504
 CODEN: EMJODG; ISSN: 0261-4189

L19 ANSWER 99 OF 203 MEDLINE
 AU Buc-Caron M H; Launay J M; Marie P J; Kellermann O
 TI [A strategy for immortalizing lines committed to endoderm, neuroectoderm
 or mesoderm from mouse teratocarcinoma].
 Une strategie pour immortaliser des lignees orientees vers l'endoderme,
 le
 neuroectoderme ou le mesoderme `a partir du teratocarcinome de la
 souris.
 SO REPRODUCTION, NUTRITION, DEVELOPMENT, (1990) 30 (3) 309-16.
 Journal code: AEW. ISSN: 0181-1916.

L19 ANSWER 100 OF 203 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 59
 AU Dutta, Anindya; Stoeckle, Mark Y.; Hanafusa, Hidesaburo
 TI Serum and v-src increase the level of a CCAAT-binding factor required for
 transcription from a retroviral long terminal repeat
 SO Genes Dev. (1990), 4(2), 243-54
 CODEN: GEDEEP; ISSN: 0890-9369

L19 ANSWER 101 OF 203 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 60
 AU Fu, Yuchang; Sato, Kenzo; Hosokawa, Keiichi; Shiokawa, Koichiro
 TI Expression of circular plasmids which contain bacterial chloramphenicol
 acetyltransferase gene connected to the promoter of polypeptide IX gene
 of
 human adenovirus type 12 in oocytes, eggs and embryos of Xenopus laevis
 SO Zool. Sci. (1990), 7(2), 195-200
 CODEN: ZOSCEX; ISSN: 0289-0003

L19 ANSWER 102 OF 203 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 61
 AU Hasegawa, Takuro; Nakada, Susumu; Nakajima, Takuma; Oda, Kinichiro;
 Kawata, Makoto; Kimura, Hiroaki; Sekiya, Souei
 TI Expression of various viral and cellular enhancer-promoters during
 differentiation of human embryonal carcinoma cells
 SO Differentiation (Berlin) (1990), 42(3), 191-8
 CODEN: DFFNAW; ISSN: 0301-4681

L19 ANSWER 103 OF 203 CAPLUS COPYRIGHT 2000 ACS
 IN Cantor, Harvey I.; Patarca, Roberto; Freeman, Gordon J.
 TI Genes and their encoded proteins which inhibit gene expression of the
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CODEN: FRXXBL

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 CODEN: NARHAD; ISSN: 0305-1048

L19 ANSWER 160 OF 203 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 95
 AU Yamada, Masao; Lewis, John A.; Grodzicker, Terri
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 CODEN: PNASA6; ISSN: 0027-8424

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 CODEN: MCEBD4; ISSN: 0270-7306

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 CODEN: NATUAS; ISSN: 0028-0836

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CODEN: JOVIAM. ISSN: 0022-538X.

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CODEN: NARHAD; ISSN: 0305-1048

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CODEN: NARHAD; ISSN: 0305-1048

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CODEN: NARHAD; ISSN: 0305-1048

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L19 ANSWER 174 OF 203 CAPLUS COPYRIGHT 2000 ACS
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CODEN: MCEBD4; ISSN: 0270-7306

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(FILE 'HOME' ENTERED AT 12:03:34 ON 09 AUG 2000)

FILE 'CAPLUS, BIOSIS' ENTERED AT 12:03:56 ON 09 AUG 2000

L1 36337 S ADENOVIR?
L2 3904 S L1 (50A) PROMOTER#
L3 38 S L2-(50A) BETA ACTIN
L4 28 DUP REM-L3 (10 DUPLICATES REMOVED)
L5 256 S L2 (50A) SV40
L6 191 DUP REM L5 (65 DUPLICATES REMOVED)
L7 89 S L2 (50A) RSV
L8 58 DUP REM L7 (31 DUPLICATES REMOVED)
E KARLSSON S/AU
L9 1 S L3 AND HEMATOPOIETIC
L10 330 S E3
L11 39 S L10 AND HEMATOPOIETIC

=> d 14 26-28; d 16 81 87 105 au ti so

*Ad-5140
Bacter*

L4 *ANSWER 26 OF 28 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 9
AN 1991:18275 CAPLUS
DN 114:18275
TI Adenovirus E1A under the control of heterologous promoters: wide
variation in E1A expression levels has little effect on virus replication
AU Hitt, Mary M.; Graham, Frank L.
CS Dep. Biol., McMaster Univ., Hamilton, ON, L8S 4K1, Can.
SO Virology (1990), 179(2), 667-78
CODEN: VIRLAX; ISSN: 0042-6822
DT Journal
LA English

L4 ANSWER 27 OF 28 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 10
AN 1992:35485 CAPLUS
DN 116:35485
TI Two-step transformation of rat 3Y1 cells by the adenovirus E1A and E1B
genes
AU Tsutsui, Ko; Hara, Eiji; Nakada, Susumu; Oda, Kinichiro
CS Dep. Appl. Biol. Sci., Univ. Tokyo, Noda, 278, Japan
SO Virus Genes (1990), 4(3), 239-56
CODEN: VIGEET; ISSN: 0920-8569
DT Journal
LA English

L4 ANSWER 28 OF 28 BIOSIS COPYRIGHT 2000 BIOSIS
AN 1990:284428 BIOSIS
DN BA90:15274
TI EXPRESSION OF VARIOUS VIRAL AND CELLULAR ENHANCER-PROMOTERS DURING
DIFFERENTIATION OF HUMAN EMBRYONAL CARCINOMA CELLS.
AU HASEGAWA T; NAKADA S; NAKAJIMA T; ODA K; KAWATA M; KIMURA H; SEKIYA S
CS DEP. BIOL. SCI. TECHNOL., SCI. UNIV. TOKYO 2641, YAMAZAKI, NODA, CHIBA
278, JAPAN.
SO DIFFERENTIATION, (1990) 42 (3), 191-198.
CODEN: DFFNAW. ISSN: 0301-4681.
FS BA; OLD
LA English

SV40
Ad-
L6 ANSWER 81 OF 191 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 22
AU Rajan, Prithi; Dhamankar, Vandana; Rundell, Kathleen; Thimmapaya, Bayar
TI Simian virus 40 small-t does not transactivate RNA polymerase II
promoters
in virus infections
SO J. Virol. (1991), 65(12), 6553-61
CODEN: JOVIAM; ISSN: 0022-538X

L6 ANSWER 87 OF 191 BIOSIS COPYRIGHT 2000 BIOSIS
AU PREVEC L; CHRISTIE B S; LAURIE K E; BAILEY M M; GRAHAM F L; ROSENTHAL K L
TI IMMUNE RESPONSE TO HIV-1 GAG ANTIGENS INDUCED BY RECOMBINANT ADENOVIRUS
VECTORS IN MICE AND RHESUS MACAQUE MONKEYS.
SO J ACQUIRED IMMUNE DEFIC SYNDR, (1991) 4 (6), 568-576.
CODEN: JAISSET. ISSN: 0894-9255.

L6 ANSWER 105 OF 191 BIOSIS COPYRIGHT 2000 BIOSIS
AU ISRAEL D I; KAUFMAN R J
TI HIGHLY INDUCIBLE EXPRESSION FROM VECTORS CONTAINING MULTIPLE GRE'S IN CHO
CELLS OVEREXPRESSING THE GLUCOCORTICOID RECEPTOR.
SO NUCLEIC ACIDS RES, (1989) 17 (12), 4589-4604.
CODEN: NARHAD. ISSN: 0305-1048.

(FILE 'HOME' ENTERED AT 10:58:08 ON 09 AUG 2000)

FILE 'CAPLUS, BIOSIS' ENTERED AT 10:58:15 ON 09 AUG 2000

L1 182028 S RETROVIR?
L2 300 S L1 (50A) P53
L3 207 DUP REM L2 (93 DUPLICATES REMOVED)

=> d 13 175-207 au ti so

p53 retro

L3 ANSWER 175 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU Zauberman, Arie (1); Barak, Yaacov (1); Ragimov, Naomi; Levy, Naomi;
Oren,

TI Sequence-specific DNA binding by p53: Identification of target sites and
lack of binding to p53-MDM2 complexes.
SO EMBO (European Molecular Biology Organization) Journal, (1993) Vol. 12,
No. 7, pp. 2799-2808.
ISSN: 0261-4189.

L3 ANSWER 176 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU Howard, Jeffrey C.; Yousefi, Shida; Cheong, George; Bernstein, Alan;
Ben-David, Yaacov (1)
TI Temporal order and functional analysis of mutations within the Fli-1 and
p53 genes during the erythroleukemias induced by F-MuLV.
SO Oncogene, (1993) Vol. 8, No. 10, pp. 2721-2729.
ISSN: 0950-9232.

L3 ANSWER 177 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 82
AU Reiss, Michael; Vellucci, Vincent F.; Zhou, Zhao Ling
TI Mutant p53 tumor suppressor gene causes resistance to transforming growth
factor .beta.1 in murine keratinocytes
SO Cancer Res. (1993), 53(4), 899-904
CODEN: CNREA8; ISSN: 0008-5472

L3 ANSWER 178 OF 207 CAPLUS COPYRIGHT 2000 ACS
AU Cai, De Wei; Mukhopadhyay, Tapas; Liu, Yongjian; Fujiwara, Toshiyoshi;
Roth, Jack A.
TI Stable expression of the wild-type p53 gene in human lung cancer
cells after **retrovirus**-mediated gene transfer
SO Hum. Gene Ther. (1993), 4(5), 617-24
CODEN: HGTHE3; ISSN: 1043-0342

L3 ANSWER 179 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU Griffin, K.; Segura, L.; Cooper, M. J.; Sarosdy, M. F.
TI The effects on proliferation, metabolism, and tumorigenicity of MBT-2
using a **retroviral** vector with human type **p53** gene.
SO Proceedings of the American Association for Cancer Research Annual
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Meeting Info.: 84th Annual Meeting of the American Association for Cancer
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ISSN: 0197-016X.

L3 ANSWER 180 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU Van Meir, E. G. (1); Roemer, K.; Rempel, S.; Kikuchi, T.; Diserens,
A.-C.;
De Tribolet, N.; Haas, M.; Huang, H. J. S.; Friedman, T.; Cavenee, W. K.
TI **Retrovirus**-mediated expression of wild type but not mutant
p53 induces growth arrest and morphological changes in

L3 ANSWER 187 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU Fujiwara, T.; O'Leary, E. A.; Cai, D. W.; Mukhopadhyay, T.; Roth, J. A.
TI **Retrovirus-mediated transfer of wild-type p53 gene**
inhibits TGF-alpha-dependent growth of human lung cancer spheroids.
SO Journal of Cellular Biochemistry Supplement, (1993) Vol. 0, No. 17 PART
E,
pp. 196.
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Therapeutics: Antisense and Gene Therapy Keystone, Colorado, USA April
12-18, 1993
ISSN: 0733-1959.

L3 ANSWER 188 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 86
AU Wyllie, Fiona S.; Lemoine, Nick R.; Barton, Claire M.; Dawson, Tim; Bond,
Jane; Wynford-Thomas, David
TI Direct growth stimulation of normal human epithelial cells by mutant p53
SO Mol. Carcinog. (1993), 7(2), 83-8
CODEN: MOCAE8; ISSN: 0899-1987

L3 ANSWER 189 OF 207 CAPLUS COPYRIGHT 2000 ACS
IN Lee, Wen Hwa; Chen, Phang Lang
TI Tumor suppressor protein p53, p53 cDNA, and suppression of neoplastic
phenotype
SO Eur. Pat. Appl., 25 pp.
CODEN: EPXXDW

L3 ANSWER 190 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 87
AU Gutierrez, Marina I.; Bhatia, Kishor; Siwarski, David; Wolff, Linda;
Magrath, Ian T.; Mushinski, J. Frederic; Huppi, Konrad
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CODEN: CNREA8; ISSN: 0008-5472

L3 ANSWER 191 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 88
AU Cheng, Jian; Yee, Jiing Kuan; Yeargin, Jo; Friedmann, Theodore; Haas,
Martin
TI Suppression of acute lymphoblastic leukemia by the human wild-type p53
gene
SO Cancer Res. (1992), 52(1), 222-6
CODEN: CNREA8; ISSN: 0008-5472

L3 ANSWER 192 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU GJERSET R A; ARYA J; VOLKMAN S; HAAS M
TI ASSOCIATION OF INDUCTION OF A FULLY TUMORIGENIC PHENOTYPE IN MURINE
RADIATION-INDUCED T-LYMPHOMA CELLS WITH LOSS OF DIFFERENTIATION ANTIGENS
GAIN OF CD44 AND ALTERATIONS IN P53 PROTEIN LEVELS.
SO MOL CARCINOG, (1992) 5 (3), 190-198.
CODEN: MOCAE8. ISSN: 0899-1987.

L3 ANSWER 193 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU Stevens, C. W. (1); Velasco, J. A. (1); Dipaolo, J. A.; Dritschilo, A.;
Notario, V.
TI Modulation of **p53** expression in human cervical tumor cell lines
using sense and antisense **retroviral** constructs.
SO International Journal of Radiation Oncology Biology Physics, (1992) Vol.
24, No. SUPPL. 1, pp. 161.
Meeting Info.: 34th Annual Meeting of the American Society for
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Meeting Info.: 84th Annual Meeting of the American Association for Cancer Research Orlando, Florida, USA May 19-22, 1993
ISSN: 0197-016X.
- L3 ANSWER 181 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU Cai, D. W.; Mukhopadhyay, T.; Liu, Y.; Fujiwara, T.; Mountain, C. F.; Roth, J. A.
TI Stable expression of the wild-type p53 gene in human lung cancer cells after retrovirus-mediated gene transfer.
SO Proceedings of the American Association for Cancer Research Annual Meeting, (1993) Vol. 34, No. 0, pp. 505.
Meeting Info.: 84th Annual Meeting of the American Association for Cancer Research Orlando, Florida, USA May 19-22, 1993
ISSN: 0197-016X.
- L3 ANSWER 182 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU Griffin, Kevin P. (1); Segura, Lillian (1); Kan, Nancy; Cooper, Mark J.; Sarosdy, Michael F.
TI The effects of proliferation, metabolism, and tumorigenicity of MBT-2 using a retroviral vector human wild type p53 gene.
SO Journal of Urology, (1993) Vol. 149, No. 4 SUPPL., pp. 485A.
Meeting Info.: Eighty-eighth Annual Meeting of the AUA (American Urological Association) San Antonio, Texas, USA May 15-20, 1993
ISSN: 0022-5347.
- L3 ANSWER 183 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 83
AU Wang, Yisong; Ramqvist, Torbjorn; Szekely, Laszlo; Axelson, Haakan; Klein, George; Wiman, Klas G.
TI Reconstitution of wild-type p53 expression triggers apoptosis in a p53-negative v-myc retrovirus-induced T-cell lymphoma line
SO Cell Growth Differ. (1993), 4(6), 467-73
CODEN: CGDIE7; ISSN: 1044-9523
- L3 ANSWER 184 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU Fujiwara, T.; Grimm, E. A.; Mukhopadhyay, T.; Cai, D.; Morris, D. K.; Roth, J. A.
TI Retroviral-mediated transduction of p53 gene regulates TGF-beta gene expression and secretion in a human glioblastoma cell line.
SO Proceedings of the American Association for Cancer Research Annual Meeting, (1993) Vol. 34, No. 0, pp. 449.
Meeting Info.: 84th Annual Meeting of the American Association for Cancer Research Orlando, Florida, USA May 19-22, 1993
ISSN: 0197-016X.
- L3 ANSWER 185 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 84
AU Woodsworth, Craig D.; Wang, Hong; Simpson, Scott; Alvarez-Salas, Luis M.; Notario, Vincente
TI Overexpression of wild-type p53 alters growth and differentiation of normal human keratinocytes but not human papillomavirus-expressing cell lines
SO Cell Growth Differ. (1993), 4(5), 367-76
CODEN: CGDIE7; ISSN: 1044-9523
- L3 ANSWER 186 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 85
AU Wang, Nan Ping; To, Hoang; Lee, Wen Hwa; Lee, Eva Y. H. P.
TI Tumor suppressor activity of RB and p53 genes in human breast carcinoma cells
SO Oncogene (1993), 8(2), 279-88
CODEN: ONCNES; ISSN: 0950-9232

SO ACTA NEUROL SCAND, (1992) 86 (1), 91-94.
CODEN: ANRSAS. N: 0001-6314.

L3 ANSWER 195 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 89
AU Chen, Yumay; Chen, Phang Lang; Arnaiz, Nilo; Goodrich, David; Lee, Wen
Hwa
TI Expression of wild-type p53 in human A673 cells suppresses tumorigenicity
but not growth rate
SO Oncogene (1991), 6(10), 1799-805
CODEN: ONCNES; ISSN: 0950-9232

L3 ANSWER 196 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU SOMPAYRAC L; DANNA K J
TI THE AMINO-TERMINAL 147 AMINO ACIDS OF SV-40 LARGE T ANTIGEN TRANSFORM
SECONDARY RAT EMBRYO FIBROBLASTS.
SO VIROLOGY, (1991) 181 (1), 412-415.
CODEN: VIRLAX. ISSN: 0042-6822.

L3 ANSWER 197 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU MANFREDI J J; PRIVES C
TI BINDING OF P53 AND P105-RB IS NOT SUFFICIENT FOR ONCOGENIC TRANSFORMATION
BY A HYBRID POLYOMAVIRUS-SV-40 LARGE T ANTIGEN.
SO J VIROL, (1990) 64 (11), 5250-5259.
CODEN: JOVIAM. ISSN: 0022-538X.

L3 ANSWER 198 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 90
AU Chen, Phang Lang; Chen, Yumay; Bookstein, Robert; Lee, Wen Hwa
TI Genetic mechanisms of tumor suppression by the human p53 gene
SO Science (Washington, D. C., 1883-) (1990), 250(4987), 1576-80
CODEN: SCIEAS; ISSN: 0036-8075

L3 ANSWER 199 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU BEN-DAVID Y; LAVIGUEUR A; CHEONG G Y; BERNSTEIN A
TI INSERTIONAL INACTIVATION OF THE P53 GENE DURING FRIEND LEUKEMIA A NEW
STRATEGY FOR IDENTIFYING TUMOR SUPPRESSOR GENES.
SO NEW BIOL, (1990) 2 (11), 1015-1023.
CODEN: NEBIE2. ISSN: 1043-4674.

L3 ANSWER 200 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS
AU CAMPBELL M L; LI W; ARLINGHAUS R B
TI P210 BCR-ABL IS COMPLEXED TO P160 BCR AND PH-P53 PROTEINS IN K562 CELLS.
SO ONCOGENE, (1990) 5 (5), 773-776.
CODEN: ONCNES. ISSN: 0950-9232.

L3 ANSWER 201 OF 207 CAPLUS COPYRIGHT 2000 ACS
IN Nigon, Victor Marc; Verdier, Gerard; Chebloune, Yahia; Cosset, Francois
Loic; Legras, Catherine; Reyss-Brion, Astrid; Belakebi, Mustapha; Mallet,
Francois; Savatier, Pierre; et al.
TI Integrating retrovirus-based expression vectors for avian cell culture
SO PCT Int. Appl., 119 pp.
CODEN: PIXXD2

L3 ANSWER 202 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 91
AU Prasolov, V. S.; Chumakov, P. M.
TI The p53 anti-sense RNA can inhibit proliferation of normal and
transformed
cells
SO Mol. Biol. (Moscow) (1988), 22(5), 1371-80
CODEN: MOBIBO; ISSN: 0026-8984

L3 ANSWER 203 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 92
AU David, Yaacov Ben; Prideaux, Valerie R.; Chow, Virginia; Benchimol, Sam;
Bernstein, Alan
TI Inactivation of the p53 oncogene by internal deletion or
retroviral integration in erythroleukemic cell lines induced by
Friend leukemia virus

SO Oncogene (1988) 3(2), 179-85
CODEN: ONCNES; N: 0950-9232

L3 ANSWER 204 OF 207 CAPLUS COPYRIGHT 2000 ACS

AU Dotto, Gian Paolo; O'Connell, John; Patskan, George; Conti, Claudio;
Ariza, Aurelio; Slaga, Thomas J.

TI Malignant progression of papilloma-derived keratinocytes: differential
effects of the ras, neu, and p53 oncogenes

SO Mol. Carcinog. (1988), 1(3), 171-9
CODEN: MOCAE8; ISSN: 0899-1987

L3 ANSWER 205 OF 207 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 93

AU Rovinski, Benjamin; Munroe, Donald; Peacock, Jim; Mowat, Michael;
Bernstein, Alan; Benchimol, Samuel

TI Deletion of 5'-coding sequences of the cellular p53 gene in mouse
erythroleukemia: a novel mechanism of oncogene regulation

SO Mol. Cell. Biol. (1987), 7(2), 847-53
CODEN: MCEBD4; ISSN: 0270-7306

L3 ANSWER 206 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS

AU ALLAN J S; COLIGAN J E; LEE T-H; BARIN F; KANKI P J; M'BOUP S; MCLANE M
F;

GROOPMAN J E; ESSEX M

TI IMMUNOGENIC NATURE OF A POL GENE PRODUCT OF HTLV-III-LAV.

SO BLOOD, (1987) 69 (1), 331-333.
CODEN: BLOOAW. ISSN: 0006-4971.

L3 ANSWER 207 OF 207 BIOSIS COPYRIGHT 2000 BIOSIS

AU KANKI P J; BARIN F; M'BOUP S; ALLAN J S; ROMET-LEMONNE J L; MARLINK R;
MCLANE M F; LEE T-H; ARBEILLE B; ET AL

TI NEW HUMAN T LYMPHOTROPIC RETROVIRUS RELATED TO SIMIAN T LYMPHOTROPIC
VIRUS

TYPE III OF AFRICAN GREEN MONKEYS.

SO SCIENCE (WASH D C), (1986) 232 (4747), 238-243.
CODEN: SCIEAS. ISSN: 0036-8075.

WEST**End of Result Set**

Generate Collection

L9: Entry 1 of 1

File: USPT

Jan 25, 2000

DOCUMENT-IDENTIFIER: US 6017524 A

TITLE: Inhibiting the growth p53 deficient tumor cells by administering the p53 gene

BSPR:

Antisense technology has also been applied in attempts to inhibit the expression of various oncogenes. For example, Kasid, et al., 1989, report the preparation of recombinant vector construct employing Craf-1 cDNA fragments in an antisense orientation, brought under the control of an adenovirus 2 late promoter. These authors report that the introduction of this recombinant construct into a human squamous carcinoma resulted in a greatly reduced tumorigenic potential relative to cells transfected with control sense transfectants. Similarly, Prochownik, et al., 1988, have reported the use of Cmyc antisense constructs to accelerate differentiation and inhibit G.sub.1 progression in Friend Murine Erythroleukemia cells. In contrast, Khokha, et al., 1989, discloses the use of antisense RNAs to confer oncogenicity on 3T3 cells, through the use of antisense RNA to reduce murine tissue inhibitor or metalloproteinases levels.

BSPR:

In broader aspects of the invention, a preferred approach will involve the preparation of retroviral vectors which incorporate nucleic acid sequences encoding the desired construct, once introduced into the cells to be treated, preferably, these sequences are stably integrated into the genome of the cell. One example of such of vector construct would be a replication defective retrovirus, such as LNSX, LN or N2A, that is made infective by appropriate packaging, such as by GPtenvAM12 cells. Although the retrovirus would inhibit the growth of the tumor, the expression of the antisense construct in non-tumor cells would be essentially harmless where one prepares a retrovirus construct which encode distinct antisense intron RNA in accordance with the present invention. In addition to retroviruses, it is contemplated that other vectors can be employed, including adenovirus, adeno-associated virus, or vaccinia viruses (Hermonat, et al., 1984; Karlsson, et al., 1985; Mason, et al., 1990).

DEPR:

The particular vector which one employs for introduction of antisense intron coding sequences is not believed to be particularly crucial to the practice of the present invention,

so long as the vector is capable of introducing the nucleic acid coding sequences into the genome of the targeted cell in a relatively stable fashion. By way of illustration, but not limitation, one can mention the following vectors, including N2A, LN, LNSX, Adenovirus and Adeno-associated virus.

ORPL:

Wills and Menzel, "Adenovirus Vectors for Gene Therapy of Cancer," Journal of Cellular Biochemistry, p. 204, Abstract # S216, Mar.-Apr. 1993.

ORPL:

Zhang et al., "Generation and Identification of Recombinant Adenovirus by Liposome-Mediated Transfection and PCR Analysis," BioTechniques, 15(5):868-872, 1993.

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IBM Technical Disclosure Bulletins

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USPT	15 same (regress\$6 or reduc\$6 or decreas\$6 or suppress\$6)	88	L6
USPT	14 same (cancer or tumor or neoplas\$5)	128	L5
USPT	12 same (adenovir\$2 or retrovir\$2)	171	L4
USPT	12 same (adenovir\$2 or retrovir\$@)	134	L3
USPT	11 same gene	952	L2
USPT	p53	1760	L1